

Syllabus

1. Course Title, Style and Credit

“Special lectures”, Lecture, 1 Credit

2. Appropriate grade level and Eligible Departments

D1, 2, 3

Students in Department of Physiological Sciences, and also open to students in all Departments.

3. Lectures

Lectures will be provided by Professors or Associate Professors in the Department of Physiological Sciences, or Professors or Visiting Professors of NIPS

4. Time

April, 2016~March, 2017 approximately once a month

Wednesday, 15:00~17:00

5. Place

Yamate Area : Seminar room B of the Yamate 3rd Building, 9th Floor

Myodaiji Area : NIPS 1F, Lecture room

Lectures will be delivered by a remote lecture system. However, calling the role will be done at the location where the lecture occurs.

6. Prerequisites and Styles

Application: sign up for the classes

Students enrolled must attend at the location where the lecture is given.

7. Contents

Lectures describing recent progress and cutting edge techniques in the physiological sciences.

8. Course objectives

To disseminate a wide range of knowledge of physiological science

9. Schedule

The 1st: April 27th, 2016

“Synaptic connections in cortical microcircuits ”

Yoshiyuki Kubota (Dept. Physiological Sciences)

(Yamate area: Seminar room B of the Yamate 3rd Building, 9th Floor)

The 2nd: May 11th, 2016

“Regulation of neuronal circuit activity by glial cells”

Hiroaki Wake (Dept. Physiological Sciences)

(Myodaiji area: NIPS 1F, Lecture room)

The 3rd: June 29th, 2016

“Restoring of lost function through brain computer interface”

Yukio Nishimura (Dept. Physiological Sciences)

(Myodaiji area: NIPS 1F, Lecture room)

The 4th: September 7th, 2016

“An approach to investigation of psychiatric disorders using a comprehensive behavioral test battery on genetically engineered mice”

Keizo Takao (Dept. Physiological Sciences)

(Myodaiji area: NIPS 1F, Lecture room)

The 5th: October 12th, 2016

“Auditory processing in humans”

Hidehiko Okamoto (Dept. Physiological Sciences)

(Myodaiji area: NIPS 1F, Lecture room)

The 6th: November 16th, 2016

“Regulatory mechanism of metabolic sensor AMP kinase in food selection behavior”

Yasuhiko Minokoshi (Dept. Physiological Sciences)
(Myodaiji area: NIPS 1F, Lecture room)

The 7th: December 14th, 2016

“Dynamic aspects of the function and structure of ion channels and receptors”
Yoshihiro Kubo (Dept. Physiological Sciences)
(Myodaiji area: NIPS 1F, Lecture room)

The 8th: January 11th, 2017

“Signal transduction mechanisms in chemical senses”
Koji Sato (Dept. Biosensing Research)
(Yamate area: Seminar room B of the Yamate 3rd Building, 9th Floor)

The 9th: February 1st, 2017

“Cognitive Genomics - Integration of Genome Science and Brain Science -”
Yasuhiro Go (Dept. Physiological Sciences)
(Myodaiji area: NIPS 1F, Lecture room)

The 10th: March 1st, 2017

“Function and dysfunction of the epilepsy-related ligand-receptor, LGI1 and ADAM22”
Yuko Fukata (Dept. Physiological Sciences)
(Yamate area: Seminar room B of the Yamate 3rd Building, 9th Floor)

10. Lecture materials and readings
Not applicable.

11. Grades

Students must attend at least half of the lectures to get credit.
For evaluation, more than 60 in a 100-point scale is judged successful.